

#### Product Data Sheet

# Aquagrip

High grab water proof ready mixed ceramic wall tile adhesive

#### Description

Commercial and Domestic acrylic emulsion based ready mixed thin-bed adhesive. Suitable for fixing ceramic wall tiles and mosaics to all internal walls in dry or intermittently wet locations, e.g. kitchens, bathrooms and power showers, Priming may not be required. Able to accommodate slight background movement. Easy to apply with excellent slip resistance and high grab and bond strength enabling the fixing of larger tiles. Superb handling characteristics and reliability.

Exceeds the performance requirements of - BS EN 12004.

#### Uses

Nicobond – Aquagrip is used in dry internal locations for fixing ceramic tiles and mosaics on gypsum plaster, paper faced-boards, concrete walls, cement and sand renders, rigidly braced and stable sheets and boards, e.g. plywood, chipboard, fibre building boards and other absorbent backgrounds, as well as fixing porous tiles to existing ceramic tiling. Suitable for use in domestic bathrooms on appropriate backgrounds, i.e. Most board surfaces , Oil based paint, Glazed tiles , Glazed – bricks, Also fixes expanded polystyrene tiles, covings or boards.

#### Notes:-

Not suitable for tiling to plastics, fibre-glass or metal surfaces or where there is prolonged exposure to water. To obtain satisfactory bond, either the tile or the substrate must be absorbent.

#### Features

- Ready mixed for immediate use
- Non-slip and easy to use
- High grab designed for fixing larger format tiles
- Internal and external use
- Tremendous adhesion strength and reliability
- Ideal for use in kitchens, bathrooms and power showers

#### Application Data

Colour	Off White
Consistency of mix	Smooth Paste
Bed thickness	Up to 3 mm
Coverage	1 – 1.3m <sup>2</sup> /Litre Solid Bed: 0.5m <sup>2</sup> /1litre
Open Time	Approx 30 minutes at 20°C
Adjustability Time	Approx 20 minutes at 20°C
Grout Wall Tiling	4 to 6 hours depending on substrate 2 days on impervious surfaces.
Installation Temperature	Minimum 5°C
Operating Temperature	5°C - 30°C
Packaging	10ltr Plastic Pails

#### EN 12004 Test Methods

EN 1308	Determination of slip
EN 1324	Determination of shear adhesion strength
EN 1346	Determination of open time
EN 1347	Determination of wetting capability





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## Products for the Professional

Nicobond – Aquagrip

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### Surface Preparation

Surfaces to be tiled should be rigid, dimensionally stable, sound, clean and free from laitance, paints, salts, grease, dust and any contamination which may prevent adhesion. It is recommended that any residual quantities of old adhesive be removed to expose approximately 80% of the original substrate, any remaining residues must have a cohesive strength to support the application of any Nicobond product.

**Gypsum plaster**, plaster boards, plywood, chipboard and similar dry lining systems These surfaces must have any dust removed and should receive a brush coat of a blend of 4 volumes water to 1 volume Nicobond Universal Bonding Agent and Sealer. Allow layer to thoroughly dry before continuing. Coverage approximately 30m<sup>2</sup> per litre of Nicobond Universal Bonding Agent and Sealer.

**Sand/cement rendering**, These surfaces are most suited to the installation of ceramic tiling and unless particularly porous only limited preparation is called for. Should priming be required for any reason brush into the surface a thin even layer of a blend of 4 volumes water to 1 volume Nicobond Primer mixed by thorough stirring. Allow layer to dry before continuing. Coverage approximately 30m<sup>2</sup> per litre of Nicobond Primer.

**Tile backer boards**, Boards of this generic type are designed to provide a suitable substrate for tiling and require little, if any preparation. The minimum thickness of board and installation procedures must follow strictly the manufacturers recommendation. Ensure that any dust resulting from fixing is removed before tiling commences.

**Painted surfaces**, Ideally all paints should be removed prior to tiling since the bond strength of the finished job will only be as good as that of the paint to the substrate. Generally alkyd gloss paints provide a suitable surface but their condition should be checked. If found to be satisfactory the surface must be thoroughly cleaned and abraded. Any dust must be removed before tiling commences.

Existing glazed wall tiles, Prior service conditions may have effected the bond or the tiles and grout lines may be contaminated. Check that the tiles are well bonded and then thoroughly clean before re-tiling commences.

Not suitable for tiling onto plastics, fibreglass or metal surfaces or where prolonged exposure to water occurs.

### Application

To achieve solid bed fixing in conditions of high moisture and exterior work, spread the Nicobond Waterproof Tile Cement on to the surface with the straight edge of the Nicobond Notched Trowel, to a depth of about 3mm. lightly comb the surface with the notched edge of the trowel. Do not press the trowel through the full depth of the adhesive. In dry or moist areas apply and comb the adhesive with the notched edge of the trowel, ensuring that continuous, horizontal ribs of adhesive are formed.

### Bonding of the Tiles

Fix dry tiles immediately by pressing them firmly into position with a slight sliding or twisting action. Where appropriate, the adhesive can be spread both onto the surface as described above, and buttered on the backs of the tiles. Whichever method is used, the tiles should be firmly pressed home to ensure solid bedding without voids, particularly in wet areas. From time to time remove a tile to check that full contact has been made with the adhesive bed. Exterior installations must be protected from rain and frost until the adhesive has fully dried. Where fixing is carried out in hot conditions, the finished tiling should be protected from direct sunlight to avoid premature drying.

Adjustments to tiling can usually be made between 15 - 20 minutes after fixing.

**Note** – Work in small areas of about 1m<sup>2</sup> to avoid premature drying before cladding is fixed.

### Tile Fixing

Tile fixing should be carried out in accordance with BS 5385 and BS 8000 Codes of Practice for the installation of wall and floor tiles. Movement joints should be inserted in internal corners, at floor perimeters and other locations as recommended in relevant British codes of practice.

For advice on tiling to different substrates refer to the Nicobond How to Tile Guide.

### Shelf Life /Storage

Store out of direct sunlight. Protect from frost. Nicobond Aquagrip has a storage life not less than 12 months if stored in original unopened containers.

### Cleaning

Tools should be cleaned frequently in water to avoid the adhesive drying on. Residual adhesive must be washed off the face of the tiles before it dries.

### Precautions

The adhesive is non – flammable and non hazardous when used properly. Splashes on skin or particularly in the eyes should be washed off immediately with clean, cold water, to avoid any allergic reaction. Must not be swallowed. Keep away from children. Wear suitable protective clothing, gloves and eye/face protection.

### Health & Safety Advice

The relevant Material Safety Data Sheet can be obtained from [www.nichollsandclarke.com](http://www.nichollsandclarke.com) or directly from N & C Building Products Ltd at the address below.

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